

Test Report

SL92439350658301FW

Date: November 20, 2024 Page 1 of 8

Applicant: CORTINA NV  
MEERSBLOEM- MELDEN 42,  
9700 OUDENAARDE, BELGIUM

Attn: Peter De Mezure

The following products were identified on behalf of the client as:

Group Reference : MODULO PURE S3S L TG (MDLPRS3LTG)  
MODULO PURE S3S M TG (MDLPRS3MTG)  
MODULO PURE S3S S TG (MDLPRS3STG)

Model(s) Description : MODULO PURE S3S L TG (MDLPRS3LTG) Safety Low shoe in White  
MODULO PURE S3S M TG (MDLPRS3MTG) Safety Ankle Boot in White  
MODULO PURE S3S S TG (MDLPRS3STG) Safety Low shoe in White  
MODULO PURE S3S S TG (MDLPRS3STG) Safety Low shoe in Black

The following sample(s) was/were submitted for testing:

Sample Description : A. Three Pairs of Safety Low shoe in White  
B. One Pair of Safety Ankle Boot in White  
C. One Pair of Safety Low shoe in White  
D. One Pair of Safety Low shoe in Black

Buyer's Name : CORTINA  
Brand : SAFETY JOGGER  
Manufacturer : CORTINA  
Size : Men's US 9  
Model Name : (A)MODULO PURE S3S L TG (MDLPRS3LTG)  
(B)MODULO PURE S3S M TG (MDLPRS3MTG)  
(C/D)MODULO PURE S3S S TG (MDLPRS3STG)

Toecap : Black N604 Nano Carbon Toecap (Composite)  
Puncture Resistant Device : SJ FLEX composite insert  
Sole : BASF PU+Rubber  
Upper : (A-C)White SJ Spring Microfiber (D) Black SJ Spring Microfiber  
Collar : (A/C) Extra Light Grey Nalo Mesh (B) White SJ Nappa PU  
(D) Black Light Grey Nalo Mesh  
Tongue : (A-C)White SJ Nappa PU (D) Black SJ Nappa PU  
Vamp Lining : (A-C)Light Blue Nalo Mesh (D) Black Nalo Mesh  
Quarter Lining : (A-C)Light Blue Nalo Mesh (D) Black Nalo Mesh  
Counter Lining : (A-C)Grey Suede Microfiber (D) Black Suede Microfiber  
Insole : SJ FLEX composite insert  
In-sock (foot-bed) : Dark Grey Polyester Mesh + SJFOAM2 Industrial (PU)/SJ3FIT (REGULAR)  
Judgment Accordance : ASTM F2413-24  
Test Performance/  
Standard : See testing results page

Sample Receiving Date : Nov 07, 2024  
Testing Period : Nov 07, 2024 ~ Nov 20, 2024



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CNAS-L0167

Test Report

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Date: November 20, 2024 Page 2 of 8

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Asan Huang (Approved Signatory)

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Conclusion	A US 9#	Remark
Protective Toe Impact Resistance	P	
Protective Toe Compression Resistance	P	
Static Dissipative	P	
Slip Resistance (Dry and Wet)	P	
Slip Resistance (Oily/Wet)	P	

Remark(s) : P = Meet Client's Requirement.  
F = Below Client's Requirement.  
# = No Specified Requirement.  
NA = Not Applicable.



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Test Result

**Performance Requirements for Protective (Safety) Toe Cap Footwear**

ASTM F2413-24

**Protective Toe Impact Resistance**

(ASTM F2412-24, Clause 5; Impact energy: 101.75 J)

**A US 9#(Left)**

	No. 1	No. 2	Requirement
Internal Height Clearance(mm)	15.4	14.9	Min. 12.7 mm

**Conclusion Pass**

**A US 9#(Right)**

	No. 3	Requirement
Internal Height Clearance(mm)	14.7	Min. 12.7 mm

**Conclusion Pass**

**Protective Toe Compression Resistance**

(ASTM F2412-24, Clause 6; Compression load: 2500 lbf)

**A US 9#(Left)**

	No. 1	Requirement
Internal Height Clearance(mm)	23.3	Min. 12.7 mm

**Conclusion Pass**

**A US 9#(Right)**

	No. 2	No. 3	Requirement
Internal Height Clearance(mm)	23.3	24.6	Min. 12.7 mm

**Conclusion Pass**

**Static Dissipative**

(ASTM F2412-24, Clause 10; Test Voltage: 50 V)

**A US 9#**

	No. 1	No. 2	No. 3	Average	Requirement
Electrical Resistance (Left)(MΩ)	24.1	27.4	28.3	26.6	SD 35: 1 ~ 35 MΩ
Electrical Resistance (Right)(MΩ)	24.8	24.6	26.1	25.2	SD 35: 1 ~ 35 MΩ
Electrical Resistance (One Pair)(MΩ)	12.7	14.2	14.9	13.9	SD 35: 1 ~ 35 MΩ

**Conclusion Pass**



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**Slip Resistance (Dry and Wet)**

(ASTM F2913-24; Lubricant: Distilled Water, Vertical Force: (500±25) N)

A-US 9# left shoe 1	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Dry Then Wet				
Coefficient of Friction				-
Dry	-	0.93	0.82	Min. 0.40
Wet	-	0.69	0.61	Min. 0.40
<b>Conclusion</b>		<b>Pass</b>		

A-US 9# right shoe 2	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Wet Then Dry				
Coefficient of Friction				-
Dry	-	0.93	0.83	Min. 0.40
Wet	-	0.71	0.59	Min. 0.40
<b>Conclusion</b>		<b>Pass</b>		

A-US 9# left shoe 3	Unit	Forepart	Heel part	Requirement
Clay Tile				
Tested Dry Then Wet				
Coefficient of Friction				-
Dry	-	0.92	0.83	Min. 0.40
Wet	-	0.72	0.62	Min. 0.40
<b>Conclusion</b>		<b>Pass</b>		

Remark:

- 1) The performance of slip resistance can be affected by surface roughness, presence of water, contaminants such as grease and other foreign materials, and floor surface wear over time.
- 2) Shoe Size: US 9



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**Slip Resistance (Oily/Wet)**

(ASTM F2913-24; Test Surface: Clay Tile; Vertical Force: (500±25) N)

A US 9#	Unit	Backward forepart	Forward heel	Requirement
Oily Wet ((0.2±0.02g) of 100% corn oil with distilled water)				
Coefficient of Friction				-
Shoe 1(Left)	-	0.38	0.34	Min. 0.33
Shoe 2(Right)	-	0.37	0.34	Min. 0.33
Shoe 3(Left)	-	0.37	0.33	Min. 0.33
<b>Conclusion</b>		<b>Pass</b>		

Remark:

The performance of slip resistance can be affected by surface roughness, presence of water, contaminants such as grease and other foreign materials, and floor surface wear over time.



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Sample Photo



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The samples B/C/D have not been tested and provided by the client for reference only

**Product information is provided by applicant without verification or authentication of the brand.**

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.

\*\*\*End of Report\*\*\*

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